

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0030] on page 12, with the following:

61 [0030] After the outliers have been identified, a robust estimate of the mean (\bar{x}_{robust}) and a standard deviation (s_{robust}) for the set of n data samples $X \in \{x_1, x_2, \dots, x_n\}$ are calculated at steps ~~64~~ and 62 through 66. In essence, this determines how far the outliers deviate from the remainder of the data and thus represents the severity of the abnormal utility consumption denoted by each outlier. The process for making this determination commences with the set of outliers X_{out} and the set ($X_{non-out}$) of the data samples from set X that are not outliers.

Specifically:

$$x_{non-out} = \{x | x \in X \text{ and } x \notin X_{out}\} \quad (11)$$